

Claims

1 1. A method of treating spastic disorders, said method comprising
2 administering to a subject having a spastic disorder a therapeutically effective
3 amount of the compound gamma-aminobutyramide, analogs, substituted forms,
4 derivatives, the pharmaceutically acceptable salts, esters, amides, and prodrugs
5 thereof, or compounds which yield gamma-aminobutyramide as an intermediate, a
6 metabolite, or a by-product.

1 2. A method according to claim 1, wherein said administering step
2 further comprises intrathecally delivering the compound.

1 3. A method according to claim 1, wherein said administering step
2 further comprises intraventricularly delivering the compound.

1 4. A method according to claim 1, wherein the compound which
2 yields gamma-aminobutyramide as a solubility product comprises 4-[[(4-
3 chlorophenyl)-(5-fluoro-2-hydroxyphenyl)methylene]amino] butanamide.

1 5. A method according to claim 1, wherein said administering step
2 further comprises delivering the compound to the subject through an implantable
3 pump.

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1 6. A method according to claim 1, wherein said administering step
2 further comprises delivering the compound to the subject through a spinal catheter.

1 7. A method according to claim 1, wherein the spastic disorder is
2 spastic hypertonia.

1 8. A method according to claim 1, wherein the spastic disorder is
2 dystonia.

1 9. A method according to claim 1, wherein the spasticity or spastic
2 disorder is caused by traumatic brain injury.

1 10. A method according to claim 2, wherein said intrathecal delivering
2 step comprises delivering the compound through a spinal catheter inserted in a
3 substantially cephalid spinal location.

1 [✓]11. A method for treating convulsions, said method comprising
2 administering to a subject either having convulsions or predisposed to convulsions
3 a therapeutically effective amount of the compound gamma-aminobutyramide,
4 analog, substituted forms, derivatives, the pharmaceutically acceptable salts,
5 esters, amides, and prodrugs thereof, or compounds which yield gamma-
6 aminobutyramide as an intermediate, a metabolite, or a by-product.

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1 12. A method according to claim 11, wherein said administering step
2 further comprises intrathecally delivering the compound.

1 13. A method according to claim 11, wherein said administering step
2 further comprises intraventricularly delivering the compound.

1 14. A method according to claim 11, wherein the compound which
2 yields gamma-aminobutyramide as a solubility product comprises 4-[(4-
3 chlorophenyl)-(5-fluoro-2-hydroxyphenyl)methylene]amino] butanamide.

1 15. A method according to claim 11, wherein said administering step
2 further comprises delivering the compound to the subject through an implantable
3 pump.

1 16. A method according to claim 11, wherein said administering step
2 further comprises delivering the compound to the subject through a catheter.

1 17. A method according to claim 12, wherein said intrathecal
2 delivering step comprises delivering the compound through a spinal catheter
3 inserted in a substantially cephalid spinal location.

1 18. A method for treating epilepsy, said method comprising
2 intraventricularly administering a therapeutically effective amount of the

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3 compound gamma-aminobutyramide, analogs, substituted forms, derivatives, the
4 pharmaceutically acceptable salts, esters, amides, and prodrugs thereof, or
5 compounds which yield gamma-aminobutyramide as an intermediate, a
6 metabolite, or a by-product.

1 19. A method of treating pain, said method comprising administering
2 to a subject having pain a therapeutically effective amount of the compound
3 gamma-aminobutyramide, analogs, substituted forms, derivatives, the
4 pharmaceutically acceptable salts, esters, amides, and prodrugs thereof, or
5 compounds which yield gamma-aminobutyramide as an intermediate, a
6 metabolite, or a by-product.

1 20. A method according to claim 19, wherein said administering step
2 further comprises intrathecally delivering the compound.

1 21. A method according to claim 19, wherein said administering step
2 further comprises intraventricularly delivering the compound.

1 22. A method according to claim 19, wherein the compound which
2 yields gamma-aminobutyramide as a solubility product comprises 4-[[[4-
3 chlorophenyl)-(5-fluoro-2-hydroxyphenyl)methylene]amino] butanamide.

1 23. A method according to claim 19, wherein said administering step
2 further comprises delivering the compound to the subject through an implantable
3 pump.

1 24. A method according to claim 19, wherein said administering step
2 further comprises delivering the compound to the subject through a catheter.

1 25. A method of treating idiopathic dystonia or torsional dystonia, said
2 method comprising administering to a subject having idiopathic dystonia or
3 torsional dystonia a therapeutically effective amount of baclofen.

1 26. A method of treating idiopathic dystonia or torsional dystonia, said
2 method comprising administering to a subject having idiopathic dystonia or
3 torsional dystonia a therapeutically effective amount of gamma-aminobutyramide.

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